

Mouse Leucyl-cystinyl aminopeptidase ELISA Kit | Lnpep elisa kit

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CATALOG #
AAA196033

REACTIVITY
Mouse

PRODUCT SYNONYMS

Leucyl-cystinyl aminopeptidase; Mouse Leucyl-cystinyl aminopeptidase ELISA Kit; Cystinyl aminopeptidase; Oxytocinase; OTase; Lnpep; 3.4.11.3; Lnpep elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Leucyl-cystinyl aminopeptidase, Cystinyl aminopeptidase
Sequence Length	1025
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.182 ng/mL
Intra-assay Precision	<=6.2%
Inter-assay Precision	<=7.6%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lnpep elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27370240
NCBI GeneID	240028

NCBI Accession #	NP_766415.1
NCBI GenBank Nucleotide #	NM_172827.3
UniProt Accession #	Q8C129
Molecular Weight	117,304 Da
NCBI Official Full Name	leucyl-cystinyl aminopeptidase
NCBI Official Synonym Full Names	leucyl/cystinyl aminopeptidase
NCBI Official Symbol	Lnpep
NCBI Official Synonym Symbols	CAP; IRAP; PLAP; gp160; vp165; 2010309L07Rik; 4732490P18Rik
NCBI Protein Information	leucyl-cystinyl aminopeptidase
UniProt Protein Name	Leucyl-cystinyl aminopeptidase
UniProt Gene Name	Lnpep
UniProt Synonym Gene Names	Cystinyl aminopeptidase; OTase
UniProt Entry Name	LCAP_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lnpep-mouse-elisa-kits/leucyl-cystinyl-aminopeptidase/196033>